

# PROTECTING THE PUBLIC'S HEALTH

# INTO THE 21ST CENTURY

# NEW CHALLENGES NEW OPPORTUNITIES







James GANSER, DDS Board President



Leon VINCI, MPI

Dear Citizens of Lincoln and Lancaster County,

As we begin the 21st century, we are employing a different format for the Lincoln-Lancaster County Annual Report. People look at health in many different ways, and we hope you like our new look! We believe you'll agree that this format is easy to read and highlights the direction our community's health has taken this past year.

We have had a year of noteworthy accomplishments in the delivery of our ongoing prevention programs and the protection of the public health. These achievements are noted throughout this report. In addition to providing excellent services we, along with our community partners, have been successful in obtaining new grant funds for special initiatives for our citizens. The Mayor's Conference on Children's Health will kick off a year-long emphasis on special programs and activities dedicated to improve the health of everyone, especially our youngest citizens.

We thank the community, City Council, County Board of Commissioners and the Board of Health for their continued support and commitment to providing an efficient and responsive public health department.

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A more detailed and comprehensive listing of the department's activities for the past year will be available February, 2001 at the web site: http://www.ci.lincoln.ne.us/city/health/index.htm. For more information call the Health Promotion and Outreach



### 2000 BOARD OF HEALTH

Division at 402-441-8045

The nine-member
Board of Health is composed
of a physician, dentist, County
Commissioner, City Council
member and five public
minded individuals.
Appointees are approved by
the Mayor, City Council and
County Board of
Commissioners. The Board
of Health responsibilities and



Vice President



Cindy JOHNSON



CAUDIU, M.D.



Randy



Rodrigo CANTARGOS DA



SCHNEDER, OD



HUDKINS



Ann

# THE HEALTH STATUS OF LINCOLN AND LANCASTER COUNTY'S POPULATION: A SNAPSHOT OF OUR COMMUNITY'S HEALTH



# PUBLIC HEALTH ASSESSMENT

The Health Department regularly and systematically collects, assembles, analyzes and makes available information on the health of the community, including statistics on health status, community health needs, and epidemiologic and other studies of health problems.

## EPIDEMIOLOGY DIVISION

The staff at the Health Department studies the distribution and determinants of disease, injuries, mortality and the state of health of Lancaster County residents. The ability to quantify and assess progress on health objectives of LLCHD is the heart of the Epidemiology Division. This job requires collecting, analyzing and interpreting outcomespecific data for use in the planning, implementation and evaluation of public health practices and services in Lancaster County. We also serve as the catalyst for developing and promoting health data resources for Lancaster County and the department.

Our Epidemiologic data provides the knowledge and information on the types of problems that require attention and the need for public health services.

The department conducts health surveillance activities in order to protect the health of our residents. Some of these surveillance activities include: injuries, chronic disease, youth risk behaviors (YRBS), adult behavioral risk factors (BRFSS) and minority behavior risk factors (MBRFSS). In addition, we have vital statistics surveillance which monitors, among many things, the morbidity and mortality status of our population.

The department is one of the few local public health programs in the nation which has successfully implemented a geographic information system or GIS in public health.

## Highlights from the 1999 Youth Risk Behavior Survey

- 35% of the teens reported smoking in the past 30 days.
- 36% of the teens reported ever having sexual intercourse.
- 30% of teens reported having been in a physical fight in the past 12 months.
- 48% of the teens reported drinking alcohol in the past 30 days.
- 36% of teens reported having used marijuana.

# MATERNAL & CHILD HEALTH

#### Infant Mortality

Infant mortality is defined as the death of an infant before his or her first birthday. The infant mortality rate is an important measure of the well-being of infants, children and pregnant women before it is associated with a variety of factors, such as maternal health, quality of access to medical care, socioeconomic conditions, and public health practices.

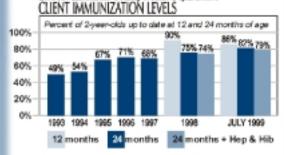
#### L/ncoln-Lancaster County Health Depaytment - 1984-1999 INFANT MORTALITY RATE



#### Childhood Immunization

Adequate immunization protects children against several diseases that killed or disabled many children in past decades. Rates of childhood immunization help measure the extent to which children are protected from serious vaccinepreventable illnesses.

## Lincoln-Lancaster County Health Department

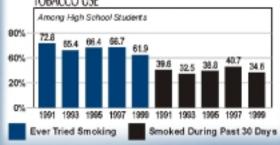


# ADOLESCENT HEALTH

#### Youth Risk Behaviors

The Health Department started surveying youth risk behaviors in 1991. The 1999 Youth Risk Behavior Survey (YRBS) indicates a decline in tobacco use, sexual activity and violence by teens since 1991. The survey also showed a decline in the percentage of teens who had considered suicide and little or no change in teens reporting on alcohol use, illegal drug use and seatbelt use annually. Over 1100 9th through 12th gradiers from public and rural schools participate in the YRBS.

#### Lincoln-Lancaster County Health Department TOBACCO USE



# ADULT HEALTH

### CHRONIC DISEASE INDICATORS

in the United States, cancer the second, and diabetes the seventh. It is estimated that the morbidity and mortality costs

Research suggests that at least half (and probably many more) of these chronic-condition cases could be avoided through the practice of lifelong healthy behaviors; especially those related to lobacco use, diet and physical mactivity.

Age adjusted deaths	Lancaster	Lancaster
per 100,000 population	Recent	Objective 2010
Cardiovascular disease	244.6	195.0
Coronary heart disease	100.3	51.0
Stroke	34.0	16.0
Cancer (all forms) Lung cancer Breast cancer among women Colorectal cancer Prostate cancer among men	150.1 39.5 32.6 13.6 14.1	103.0 33.0 26.0 8.3 12.0
Diabetes	14.0	12.0

## A Growing Older Adult Population

Lancaster County is experiencing an unprecedented demographic change in the makeup and size of its older population. This "longevity revolution" will create immense social and economic demands upon our nation, most of which will be in the area of health care.



31.2%

Heart Disease

27.7%

1999 VITAL STATISTICS



# ENVIRONMENTAL HEALTH ASSESSMENT

pollution which-depending on the chemical, concentration, and individual sensitivity-has the potential to cause or increase the risk of adverse health effects. These health effects include respiratory disease or asthma, cancer, and serious chronic organ dysfunction.

conduct many of the assurance activities associated with federal regulations, such as monitoring air quality, writing permits for new and existing air pollution sources. inspecting for compliance, inventorying air emissions, and taking enforcement action against non-compliers.

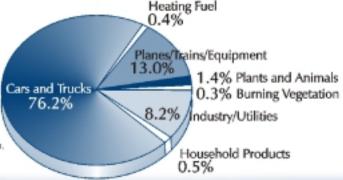
## AIR POLLUTION EMISSIONS SUMMARY

for Lancaster County

Total Pounds (1999) = 345,010,000

POLLUTANTS INCLUDE: Volatile Organic Compounds (VOC) Nitrogen Oxides (NOx) Sulfur Oxides (SOx) Carbon Monoxide (CO) Particulate Matter (PM) Hazardous Air Pollutants (HAPs)

HAPs are known to cause serious health effects. but no air quality standards have been established for these pollutants.



# HEALTH DISPARITIES

Neighborhood outreach, cultural competence and community partnerships continue to be the cornersiones of the department's minority health programs. Preventative health screenings and treatment services contribute to the well-being of families of all cultures.



## GOAL FOR THE YEAR 2010

Eliminate health disparities for racial and ethnic minorities, women, people with low incomes and people with disabilities.

Key indicators of the health status of racial and ethnic minorities	White	Black	Native American	Asian	Hispanie
Infant deaths per 1000 live births	6.4	16.9	12.2	9.2	14.3
Percent of mothers receiving first trimester care	85.3	64.2	65.8	72.9	76.2
Percent of women receiving mammagraphy screenings	22.3	28.2	25.0	11.1	36.4
Percent of adults who smoke cigareities	34.5	31.8	44.2	21.5	24.9
Percent of adults told they have high cholesterol	16.9	23.6	20.3	14.4	24.0
Average age of death for females	77.5	59.5	57.2	57.0	50.9
Average age of death for males	69.1	55.4	55.3	48.3	59.6

# PROGRAMS THAT PROMOTE THE HEALTH OF ALL CULTURES BY REDUCING HEALTH DISPARITIES



African American, American Indian, Asian and Hispanic outreach workers assist pregnant women and infants with a variety of health education services.

#### Family W.E.A.L.T.H.

A minority health program directed at reducing hypertension and diabetes among African American and Native Americans is done in collaboration with the Indian Center and the Malone Center, Dental health, substance abuse and behavioral health referrals and services are also a major part of this new program funded by the Community Health Endowment of Lincoln.



#### **Nurturing Parents**

The goal of this program is to decrease infant mortality through home visits by public health nurses. Another major focus of this program is to decrease the number of low birth weight infants and pre-term births. This can be achieved by reducing the incidences of smoking by pregnent women.

#### Grapevine Project

The Grapevine Project provides funding for persons unable to pay for medications. The Grapevine Project operates out of the Primary Care Clinic at 3140 "N" Street.



#### K.I.T.E.

Environmental hazards pose greater risk to children than adults. Special programs are being developed to increase community awareness of these facts. One of these programs. Rids in Touch Environmentally (K.I.T.E.), has helped educate over 500 child care providers and thousands of children on simple steps to reducing environmental hazards.

#### Mobile Health Clinic

Health screenings and health services for diabetes, high blood pressure and elevated cholesterol are done in the Mobile Health Clinic. Dental Health Services are offered on the Mobile Health Clinic. This has proven to be a very successful health outreach service by providing services to hundreds of racial and ethnic minorities at schools and over 20 community sites.

# Planning for COMMUNITY HEALTH into the next decade:

**Healthy** People

Healthy People 2010 is a local effort that identifies ten year goals and opportunities to improve the health status of our community. This is the second ten year health plan released by the Lincoln-Lancaster County Health Department. A report card was published and released in January 2000 highlighting our community's progress toward achieving the health goals set in 1990 for the year 2000.

The Board of Health and a Community Steering Committee adopted two overall goals for Healthy People 2010

- Eliminate health disparities
- 2. Increase the quality and years of healthy life.

The department is working to accomplish these goals through the following programs:



## HEALTHY BEHAVIORS

- Prevention of Tobacco Use
- Better Nutrition and Physical Activity
- Prevention of Alcohol and Other Drug Use
- Responsible Sexual Behavior
- Immunization and Communicable Diseases
- Injury and ViolencePrevention
- Prevention and Interventions for Improved Behavioral Health

for the Year 2010 ancaster County oraska

# HEALTHY PEOPLE

- Maternal and Child Health
- Healthy Children
- Healthy Older Adults
- Chronic Disease Prevention
- Improved Oral Health
- Improved Access to Health Care



# HEALTHY ENVIRONMENTS

- Safe Food
- Safe Water
- Clean Indoor and Outdoor Air
- Elimination of Toxic and Hazardous Materials
- Public Health Emergency Management
- Improved Waste Management
- Animal Control

# Protecting and Promoting NEW CHALLENGES the Public's Health: NEW APPROACHES for Good Health



Many factors go into the health of our community. factors through good planning and customer service

# ENVIRONMENTAL HEALTH

- Air Pollution Control Advisory Committee
- Food Advisory Committee
- City County Child Care Advisory Committee
- Keep Lincoln and Lancaster County Beautiful

**ADVISOR** COMMITTEE



#### Citizen Advisory Committees Provide Valuable Direction for Health Programs

The Health Department is assisted by 16 Advisory Committees and Coalitions representing over 400 citizens. These individuals help guide the Health Department staff in fulfilling our mission to promote and protect the health of all people.



# HEALTH PROMOTION & OUTREACH

- Tobacco Free Lincoln Coalition
- Safe Communities/ Safe Kids Coalition
- Healthy Homes Advisory Committee
- Older Adult Health Promotion Coalition
- Workwell, Inc.





# PUBLIC HEALTH NURSING

- Maternal and Child Health Advisory Committee
- Lincoln Immunization and Vaccination Effort
- Lancaster County AIDS Task Force
- Healthy People 2010 Health Access Work Group

# PUBLIC HEALTH SERVICES

PUBLIC HEALTH NURSING 441-8065	
Pregnant women receiving home visits	526
Pregnant women accessing early prenatal care	1,118
Childhood immunizations given	24,701
Children enrolled in Kids Connection/accessing a medical home	6,964 / 9,802
Referrals to the Early Development Services Coordination Program	355
Children referred to Early Development Program	313
School screenings given	10,500
Calls received by the information nurse	26,823
Clients seen in the primary care clinic	2,547
Adult immunizations given	9,457
Clients seen through STD/HIV/AIDs Program	3,956
Clients seen in WIC Health and Nutrition Program	4,968
WIC supplemental food vouchers	\$893,794
Families receiving epidemiological follow-ups regarding communicable disease	352
New referrals to the maternal and child health program	1,090
Public health nurse visits to rural and parochial schools	212
Educational in-services to school health staff	212
Individuals seen by nurses through neighborhood health outreach	20,789
HEALTH PROMOTION & OUTREACH 441-8045	
Children screened for childhood lead poisoning	1,172
Children and families receiving child safety seat education	756
Adults and teens enrolled in traffic safety education courses	161
Teens participating in Safe Nights (violence prevention)	1.936
Kindergarten through sixth grade School Health Fair participants	725
Bicycle helmets sold and fitted	237
Public health education presentations/individuals reached	52 / 3,733
Pregnant moms and babies served by Healthy Homes	235
Individuals reached through cultural diversity trainings and presentations	1,920
Ninth - twelfth grade students participating in the 1999 Youth Risk Survey	1,135
Breakfasts and lunches served through the Summer Food Program	37,497
Public health news alerts and media contacts (all divisions)	425
Individuals seen through the Mobile Health Clinic	875
Health and Human Service program listings in the resource directory (IRis)	1,175
Businesses enrolled in WorkWell/employee participation	100 / 50,000
Employees protected by smoke free polices	65,000
DENTAL HEALTH 441-8015	
Dental division clinic visits	5,439
Children receiving dental screenings	7,760
Racial and ethnic minorities receiving dental services	854
Children reached through dental health education presentations	1,075
Children participating in fluoride rinse program	800
Dental services provided to HeadStart children	145

# PUBLIC HEALTH SERVICES

ENVIRONMENTAL HEALTH 441-8000	
Individuals trained through food handler classes	8,937
Food sanitation inspections performed	2,756
Food managers trained at food manager seminars	204
Food enforcement notices issued	73
Potential foodborne illness outbreaks	139
On-site consultations at food establishments	297
Child care facility inspections	1,107
Parents receiving child care referral assistance	3,513
Water well and sewage system inspections performed	1,173
Land use proposals reviewed	204
Water well and septic system permits issued	495
Drinking water samples collected from private wells	345
Swimming pool and spa inspections	458
Illegal dumping reports on county roads	174
Public health nuisance complaints investigated	1,259
Participants attending the earth wellness festival	5,000
Air pollution compliance inspections	143
Asbestos removal inspections	123
Poor indoor air quality investigations	88
Telephone consultations related to indoor air quality	2,270
Special waste inventories	463
Pounds of hazardous waste collected from households	69,773
Emergency response events for hazardous materials spills	153
ANIMAL CONTROL 441-7900	
Animal licenses sold	44,882
Animals impounded	3,817
Dogs and cats claimed	1,638
Dogs and cats unclaimed and transferred to the shelter	2,042
Court citations issued	524
Warnings/defect tickets issued	2,725
Bite cases reported	516
Pet shop, large animal, and other permits issued	93
Animal neglect investigations	751
Lost and found queries	2,507
Wildlife removal	382
Dogs declared potentially dangerous	31
Dogs declared dangerous	20
Dogs declared vicious	3

# PARTNERING FOR PREVENTION





### University of Nebraska Medical Center Collaborates to Promote Children's Dental Health

The Dental Division, in collaboration with the JNMC College of Dentistry and Community Health indowment funds, provides dental securities to low Endowment funds, provides dental services to low-income adults, racial and ethnic minority groups and the elderly. The mobile health clinic visits schools and religible through the completions of applications. who have the most difficulty accessing dental and

Dear Friends in Public Health: This a very exciting time for public health. Businesses, schools and health care providers are partnering to improve access to health care, reduce health disperities and increase the quality of life. We are fortunate to have the wide variety of high quality health services available to the people of Lincoln.

The Community Health Endowment of Lincoln, the Public Health Foundation, Community Health Partners and others have joined forces to make Lincoln the healthiest community in the nation. As a former Mayor and active public servant for the past several decades, Tye seen first hand how important effective partnerships

We must be willing to give a little of ourselves and our resources if we want to accomplish our goals. The can be. Lincoln-Lancaster County Health Department is commended for giving leadership to a public health plan of action that involves all aspects of the community.

Please accept my challenge and join me in the 21st century as we all "Partner for Prevention." Holen Boosalis





### Lincoln Businesses Partner to Promote Employee Health

Lincoln is one of the five cities nationwide to receive the Well City Award. By sponsoring comprehensive wellness programs, forward-thinking companies enhance their reputations for caring about employees. Over 31,000 individuals in the Lincoln area. work for companies that care about their employees' personal health and well-being. The Health Department is entering its 15th year as a partner with over 100 companies that represent WorkWell, Inc.

## Pfizer Joins Forces with the Health Department to Reduce Household Hazardous Waste

As the Household Hazardous Waste (H.H.W.) Program enters its 16th year, it continues to focus on three primary objectives: educating the public on choosing less toxic products; getting the most toxic and hazardous waste out of people's homes; and encouraging citizens to correctly handle, recycle and dispose of hazardous waste thereby reducing health and environmental risks. For the third year in a row, a local industry, Pfizer, Inc., hosted H.H.W. collections as a service to our community.



# PARTNERING TO PROMOTE COMMUNITY HEALTH



Total Number of Referrals to the Early Development Services Coordination Program

> Referral 109

% of 1995-96 1996-97 1997-98 1998-99 1999-2000 Increase Increase

#### Partnership Goals

- All children will be referred for services when there is a concern about the child's development.
- Children who have disabilities or developmental delays will be referred to services as early as possible. For children less than one year of age, there has been a 90 percent increase in referrals since 1995-1996 fiscal year.
- 3. The availability of quality, affordable licensed child care for children with special needs will be increased. Twenty-five child care centers and 28 home providers are participating in grant activities to better serve children with special needs. This represents about six percent of licensed providers in Lincoln and a 35 percent increase over 1999.



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# Sebraska Health Connection



The Health Department partners with the Nebraska Department of Health and Human Services (NHHS), the Lancaster County Medical Society, local hospitals and the Urban Indian Medical Center to provide access to health care. Services include: medication costs, Medicaid and Kids Connection outreach and enrollment, pregnancy testing. transportation for physician visits, Medicaid managed care outreach and enrollment, onsite translation, and support to practicing primary care physicians in the community. Over 900 women received pregnancy testing and assistance in obtaining early prenatal care.



# CHILDREN LEARN ABOUT

teachers and students from nearly all pentagy and parachial schools in Lincoln. elementary and parochial schools in Lincoln. One hundred seventy presentations were given to 8,266 elementary and preschool children. Citizen donations of nearly \$12,000 financed the purchase of new videos, films and educational materials. Lamar Outdoor Advertising donated \$10,900 in billboard space so that the "Be Kind to Animal Week" space so that the "Be Kind to Animal Wee winning poster entries could be displayed

The Lincoln-Lancaster County Board of Health recognizes several community partners through its Annual Meeting and Awards Ceremony.

## 1999 AWARD RECIPIENTS

- Pfizer, Inc.
- Neal Westphal
- University of Nebraska-Lincoln Teachers College
- University of Nebraska Medical Center College of Nursing-Lincoln
- Nebraska Wesleyan University College of Nursing
- Union College College of Nursing Office of Financial Aid
- Lincoln Public Schools Food Services Program
- John L. Reed, MD
- Dale E. Michels, MD

# THE LINCOLN AND LANCASTER COUNTY HEALTH DEPARTMENT ANNUAL FINANCIAL REPORT FISCAL YEAR 1999 - 2000

TOTAL

\$3,607,906

\$1,966,878

\$144,350

\$1,760.353

\$36,556

\$7,828.988

(\$4,852)

\$317,798

**EXPENDITURE** BY CATEGORY

TOTAL PERCENT \$5,527,137 70.60% Personnel \$ 275,488 3.62% Supplies \$1,718,261 21.95% Services \$ 111,329 1.42% Capital \$ 196,776 Debt Service 2.51% TOTAL \$7,828,988 100.00%

ELECTED OFFICIALS & DEPARTMENTAL STAFF Lancaster County

Lincoln-Lancaster County Health Department

Board of Commissioners Kathy CAMPBELL, Chairperson Bernie HEIER Larry HUDKINS Linda STEINMAN

Bob WORKMAN Lincoln City Council Jerry SHOECRAFT, Chairperson Jon CAMP

Jonathan COOK Jeff FORTENBERRY Cindy JOHNSON Annette McROY Coleen SENG

Mayor, City of Lincoln Don WESELY, Mayor

Health Director Leon VINCI, MPH, Health Director

REVENUE BY SOURCE

City

County

Landfill

User Fees

State/Federal

Interest/Unbudgeted

Fund Balances\*

MISCELLANEOUS HEALTH GRANT

Prior Year Balance (8/31/89) Expenditures (9/1/99-8/31/00) Revenue (9/1/99-8/31/00) State/Federal Private Sector

TOTAL

to be expended in 2001

Donations-Gift

\$ 26,114 \$1,030,053

\$1,336,972

\$ 4,752,270

\$3,301,853

PERCENT

46 08%

25.12%

1.84%

4.08%

22.49%

0.47%

-0.08%

100.00%

CITY \$3,607,905

COUNTY \$1,966,878

STATE/FEDERAL \$144,350

LANDFILL \$317,798



Fudy Gennett Gathleon Doellittle Richard Faubel Karls Oyenes Karen Kerl Masten Hinkada

### ENVIRONMENTAL HEALTH DIVISION

Scott Heimes, Division Chief
Jim Chee Leon Marquet
John Chess Renald Marquet
Natry Clerk John Miner Michael Holm Jerold Heod

Lam Marray Marri Olambar

## ANIMAL CONTROL DIVISION

James Ritroenta, Districtor Chief RAFDRIB Denise Orderd Lon Densey Veloris Bellineye

### DENTAL DIVISION Owendy Bhydevis, Death/ Bhrager Lucy@cod

## HEALTH PROMOTION & OUTREACH DIVISION

Stree Bead Dischain Minager
Drate Blade Dischain Minager
Drate Blader
Charlete Barie
Harry Mahre
Harry Mahre
Steamen Franc
Drate Plante
Drate Horring
Charl Plante
Drate Street
Mindry Johns
Drate Street
John Johns
Drate Street
Magdates Hyroligy
Method Tarreet
Magdates Hyroligy

Conside Coupe, Quistless Chief Berniso Asie Lorde Flouring Flourin Coredi Kalculi
Coredi Lavice
Cheryl Losket
Passiol Losket
Passiol Losket
Anie Lavelince
Holly Lakebrenice
Banchan Machine?
Thomas blane
Andrea Internal
Brancia Historia
Brancia Historia
Brancia Historia
Brancia Homica
Teresa Mountipy
Lita Historia Saly Carbs to Tansas Carbsight Carol Childenian Mary Childanian Sharel Cack Jone Cellar Jone Cellar Majori o Cellar Majori o Cellar Jesoso Bari Jesoso Gerri Ties Goodwin
Lies Centron
Ann Grandsgeweb
Ann

Teres Mountay
Liss Horney
Nesteris Flach
Malcox Cerman
Creatio Parlock
Consiste Parlock
Contage Parlock
Lindaris P Tracy Rodins
Tracy Rollins
Detalyn Konsburgh
Probles Saunders
Pluth Shubset
Rosses Gaveth
Stephan e Smith ottopriore in formation form Egiption othern observed Tellips Annexte Studz Sue Ann Tabilitation Bevery Technology Send Thomas Send Thomas Send Thomas Send Thomas Ann Tellips Ann Tellips Ann Tellips Ann Tellips Annexte Ann

